

Recombinant Human HTR2B

Catalog No: #GP10139



Package Size: #GP10139-1 100ug

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Description

Product Name	Recombinant Human HTR2B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-58 amino acids of human 5-hydroxytryptamine receptor 2B
Target Name	5-hydroxytryptamine receptor 2B
Other Names	5-HT2B, 5-HT(2B)
Accession No.	Swissprot:P41595Gene Accession:BC063123
Uniprot	P41595
GenID	3357;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes one of the several different receptors for 5-hydroxytryptamine (serotonin) that belongs to the G-protein coupled receptor 1 family. Serotonin is a biogenic hormone that functions as a neurotransmitter, a hormone, and a mitogen. Serotonin receptors mediate many of the central and peripheral physiologic functions of serotonin, including regulation of cardiovascular functions and impulsive behavior. Population and family-based analyses of a minor allele (glutamine-to-stop substitution, designated Q20*) which blocks expression of this protein, and knockout studies in mice, suggest a role for this gene in impulsivity. However, other factors, such as elevated testosterone levels, may also be involved.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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